

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Oxytocin Antibody

RRID:AB_572258

Type: Antibody

Proper Citation

ImmunoStar Cat# 20068, RRID:AB_572258

Antibody Information

URL: http://antibodyregistry.org/AB_572258

Proper Citation: ImmunoStar Cat# 20068, RRID:AB_572258

Target Antigen: Oxytocin

Host Organism: rabbit

Clonality: polyclonal

Comments: Manufacturer Applications: Immunohistochemistry, Immunocytochemistry, Immunofluorescence; Note, The Oxytocin antiserum was quality control tested using standard immunohistochemical methods. The antiserum demonstrates strongly positive labeling of rat hypothalamus using indirect immunofluorescent and biotin/avidin-HRP techniques. Recommended primary dilutions are 1/200 - 1/400 in PBS/0.3% Triton X-100 - FITC and 1/4,000 - 1/8,000 in PBS/0.3% Triton X-100 - Bn/Av-HRP. Staining is completely eliminated by pretreatment of 1 mL of the diluted antibody with 5 µg of Oxytocin. Pretreatment of 1 mL of the diluted antibody with as much as 100 µg of vasopressin does not diminish staining.; Gene Symbol: Oxt

Antibody Name: Oxytocin Antibody

Description: This polyclonal targets Oxytocin

Target Organism: chicken, monkey, rat, vole, hamster, mouse, bat, bovine, dog, human, sheep

Defining Citation: [PMID:1698834](#), [PMID:25691152](#), [PMID:1706364](#), [PMID:26247203](#), [PMID:1638415](#), [PMID:2052496](#), [PMID:25380238](#), [PMID:16427151](#), [PMID:12488795](#), [PMID:1477732](#)

Antibody ID: AB_572258

Vendor: ImmunoStar

Catalog Number: 20068

Record Creation Time: 20250820T011424+0000

Record Last Update: 20250820T102418+0000

Ratings and Alerts

No rating or validation information has been found for Oxytocin Antibody.

No alerts have been found for Oxytocin Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Oya M, et al. (2024) Age-related ciliopathy: Obesogenic shortening of melanocortin-4 receptor-bearing neuronal primary cilia. Cell metabolism.

Murakami S, et al. (2024) Somatostatin affects GnRH neuronal development and migration and stimulates olfactory-related fiber fasciculation. Developmental neurobiology, 84(1), 3.

Yukinaga H, et al. (2022) Recording and manipulation of the maternal oxytocin neural activities in mice. Current biology : CB, 32(17), 3821.

Son S, et al. (2022) Whole-Brain Wiring Diagram of Oxytocin System in Adult Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(25), 5021.

Takano Y, et al. (2022) Effects of music exposure during pregnancy on maternal behavior in mother rats. Heliyon, 8(8), e10029.

Fukushima A, et al. (2022) An oxytocinergic neural pathway that stimulates thermogenic and cardiac sympathetic outflow. Cell reports, 40(12), 111380.

Pan S, et al. (2021) Stimulation of hypothalamic oxytocin neurons suppresses colorectal cancer progression in mice. eLife, 10.

Li XH, et al. (2021) Oxytocin in the anterior cingulate cortex attenuates neuropathic pain and emotional anxiety by inhibiting presynaptic long-term potentiation. Cell reports, 36(3), 109411.

Buffington SA, et al. (2021) Dissecting the contribution of host genetics and the microbiome in complex behaviors. Cell, 184(7), 1740.

Sethi S, et al. (2021) Increased neuronal activation in sympathoregulatory regions of the brain and spinal cord in type 2 diabetic rats. *Journal of neuroendocrinology*, 33(9), e13016.

Cheng H, et al. (2020) Zinc Finger Transcription Factor Zbtb16 Coordinates the Response to Energy Deficit in the Mouse Hypothalamus. *Frontiers in neuroscience*, 14, 592947.

Sgritta M, et al. (2019) Mechanisms Underlying Microbial-Mediated Changes in Social Behavior in Mouse Models of Autism Spectrum Disorder. *Neuron*, 101(2), 246.